

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/04958

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : G06F 17/60

US CL : 705/4

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 705/4

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, E	US 2002/0026334 A1 (IGOE) 28 February 2002 (28.02.2002), see entire document.	1-52
X, E	US 2002/0087364 A1 (LERNER et al.) 04 July 2002 (04.07.2002), see entire document.	1-52
X, E	US 2002/0091550 A1 (WHITE et al.) 11 July 2002 (11.07.2002), see entire document.	1-52
X	US 4,831,526 A (LUCBS et al.) 16 May 1989 (16.05.1989), see abstract, column 2, lines 28-37, and claims 11 and 13.	1-52
A, P	WO 01/91017 A1 (BATES et al.) 29 November 2001 (29.11.2001), see entire document.	1-52

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"A"

document member of the same patent family

Date of the actual completion of the international search

22 July 2002 (22.07.2002)

Date of mailing of the international search report

02 OCT 2002

Name and mailing address of the ISA/US

Commissioner of Patents and Trademarks

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